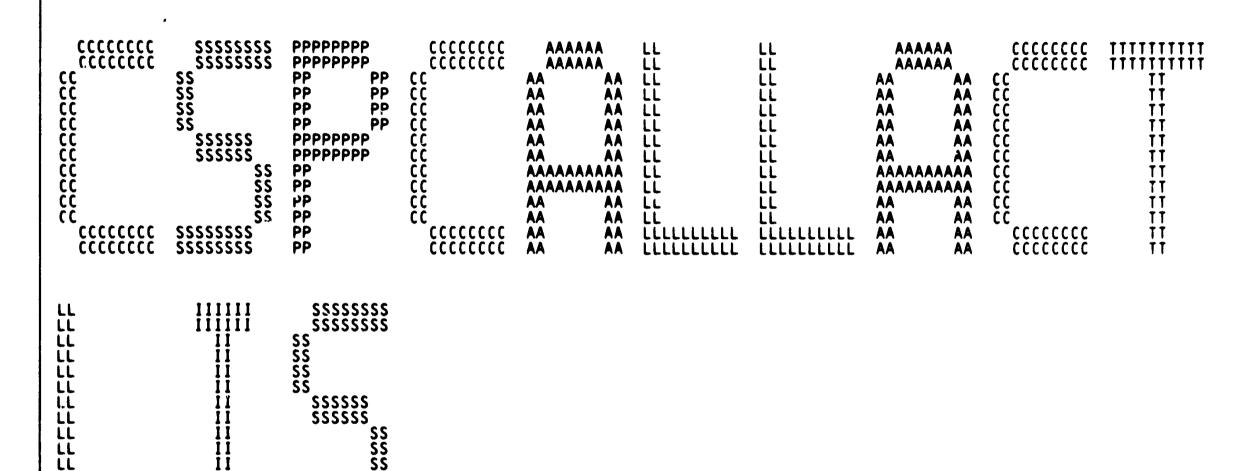
\$	YYY YYY YYY YYY	\$		00000000 00000000 00000000	AAAAAAA AAAAAAA AAAAAAA
\$\$\$ \$\$\$	YYY YYY	SSS SSS	LLL	000 000	AAA AAA
SSS	YYY YYY	\$\$\$ \$\$\$		000 000 000 000	AAA AAA
SSS	AAA AAA	SSS	LLL	000 000	AAA AAA
SSS SSS	<b>777 777</b>	SSS SSS		000 000 000 000	AAA AAA
SSSSSSSS	777	SSSSSSSS	iii	000 000	AAA AAA
\$\$\$\$\$\$\$\$	ÄÄÄ	22222222	LLL	000 000	AAA AAA
\$\$\$\$\$\$\$\$\$ \$\$\$	<b>777</b>	\$\$\$\$\$\$\$\$\$ \$\$\$	LLL	000 000 000 000	AAA
SSS	777	SSS	iii	000 000	
\$\$\$	444 444	\$55	LLL	000 000	
\$\$\$ \$\$\$	YYY	\$\$\$ \$\$\$	LLL	000 000 000 900	AAA AAA
SSS	777	SSS	iii	000 000	AAA AAA
\$	<b>YYY</b> <b>YYY</b>	\$		00000000 00000000	AAA AAA
\$\$\$\$\$\$\$\$\$\$\$\$\$	YYY	\$\$\$\$\$\$\$\$\$\$\$\$		00000000	AAA AAA

\_\$2



M 15 16-SEP-1984 01:11:07 VAX/VMS Macro V04-00 CSPCALLACT Table of contents Page 0 (2) 58 CSP\$\$CALL\_ACTION

```
16-SEP-1984 01:11:07 VAX/VMS Macro V04-00 F
5-SEP-1984 04:08:29 [SYSLOA.SRC]CSPCALLACT.MAR;1
                                                                                       Page
```

(1)

MNBCDE

DEFG

NBC

DEFGH

```
0000
                              .TITLE .IDENT
                                        CSPCALLACT
      0000
      0000
      0000
      0000
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                   ;********
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     ÖÖÖÖ
     0000
     0000
                   : FACILITY:
                                        VMS Cluster Server
     0000
     0000
                      ABSTRACT:
                                        Routine to enable the Cluster Server Process to call an
     0000
                                        action routine
     0000
     0000
                     AUTHOR:
                                        Paul R. Beck
     0000
     0000
                     DATE:
                                        22-MAR-1983
                                                             Last Edit: 22-JUN-1983 19:16:23
     0000
     0000
                     REVISION HISTORY:
     0000
               39
     0000
               40
                              V03-003 ADE0001
                                                            Alan D. Eldridge
                                                                                             5-Feb 1983
     0000
               41;
                                        Some general cleanup.
     0000
               42
     0000
                              V03-001 PRB0204
                                                             Paul Beck
                                                                                             2-MAY-1983
     0000
               44
                                        Add test for zero client code
     0000
               45
     0000
               46
     0000
                              $CSDDEF
     0000
               48
                              $CSPDEF
     0000
               49
               50
51
52
53
     0000
     0000
                       Own storage
     0000
     0000
               54
55
     0000
0000000
                              .PSECT CODE,
```

NOPIC, EXE, NOWRT

0000

56

```
CSP$$CALL_ACTION
```

16-SEP-1984 01:11:07 VAX/VMS Macro V04-00 Page 5-SEP-1984 04:08:29 [SYSLOA.SRC]CSPCALLACT.MAR;1

```
58
59
                                       .SBTTL CSP$$CALL_ACTION
                           0000
                           0000
                                    60
                           0000
                                    61
                                          Call the action routine for the client indicated in the request buffer.
                                   62
63
                           0000
                           0000
                                         CALLING SEQUENCE:
                                                                   JSB
                                                                            CSP$$CALL ACTION
                                   64
                           0000
                           0000
                                         INPUT PARAMETERS:
                                                                   R2
                                                                            = address of CSD structure
                           0000
                                    66
                           0000
                                   67
                                         OUTPUT PARAMETERS:
                                                                   None
                           0000
                                   0000
                                         COMPLETION CODES:
                                                                   None
                           0000
                                      CSP$$CALL_ACTION::
MOVZWL CSD$W_CODE(R2),R0
                           0000
                           0000
            OC A2
                      3C
13
       50
                          0000
                                                                                        Get client code
                18
50
                                                                                     ; If EQL, no client supplied. ; Is it within range?
                          0004
00000000'8F
                      D1
14
                                                          RO #CSP$K_MAXACTION 10$
                          0006
                                                CMPL
                                                                                       If GTRU, no Get vector of action routine addresses
                          000D
                                                BGTR
     00000000 GF
                                                         G^CSP$GL_ACTIONVEC,R1
(R1)[R0],R1
                      9E
                          000F
                                                MOVAB
                      DO
13
        51
             6140
                          0016
                                                MOVL
                                                                                        Get address of action routine
                                                                                       If EQL, no such routine (unsupported) Call the action routine
                02
                          001A
                                                BEQL
                                                          10$
                          0010
                                                ;JSB
                                                          (R1)
                           001C
                                                 :RSB
                                                                                        Return to caller
                      17
                61
                          001C
                                                 JMP
                                                          (R1)
                                                                                      : Call the action routine and return.
                          001E
                          001E
                                       ; Handle error case: no such action routine
                          001E
                                       105:
50
     00000000'8F
                     D0
05
                          001E
                                                MOVL
                                                          #SS$ BADPARAM,RO
                                                                                      : Return error code
                          0025
                                                RSB
                                                                                      : ... to caller
                          0026
                                   89
                          0026
                          0026
                                    90
                                       .END
```

```
C 16
CSPCALLACT
                                                                                     16-SEP-1984 01:11:07 VAX/VMS Macro V04-00
                                                                                      5-SEP-1984 04:08:29 [SYSLOA.SRC]CSPCALLACT.MAR;1
Symbol table
CSD$W_CODE
                                    = 00000000
CSP$$CALL_ACTION
                                                       00000000 RG
CSPSGL ACTIONVEC CSPSK_MAXACTION
SSS_BADPARAM
                                       ******
                                                          Psect synopsis
PSECT name
                                                            PSECT No.
                                     Allocation
                                                                         Attributes
   ABS
                                     00000000
                                                       0.)
                                                            00 (
                                                                  0.)
                                                                         NOPIC
                                                                                  USR
                                                                                         CON
                                                                                                ABS
                                                                                                       LCL NOSHR NOEXE NORD
                                                                                                                                NOWRT NOVEC BYTE
SABSS
                                     00000000
                                                      0.)
                                                            01
                                                                   1.)
                                                                         NOPIC
                                                                                  USR
                                                                                         CON
                                                                                                ABS
                                                                                                       LCL NOSHR
                                                                                                                    EXE
                                                                                                                            RD
                                                                                                                                  WRT NOVEC BYTE
                                                                (
                                     00000026
CODE
                                                     38.)
                                                            02 (
                                                                   2.)
                                                                         NOPIC
                                                                                  USR
                                                                                         CON
                                                                                                       LCL NOSHR
                                                                                                                     EXE
                                                                                                                            RD
                                                                                                                                NOWRT NOVEC BYTE
                                                      Performance indicators
Phase
                                                                Elapsed Time
                             Page faults
                                              CPU Time
----
                                              00:00:00.02
Initialization
                                                                00:00:01.53
                                     108
Command processing
                                                                00:00:03.16
                                     141
                                              00:00:01.06
Pass 1
                                                                00:00:05.97
                                      0
37
Symbol table sort
                                              00:00:00.06
                                                                00:00:00.41
Pass 2
                                              00:00:00.23
                                                                00:00:01.98
Symbol table output
                                              00:00:00.01
                                                                20:00:00.01
Psect synopsis output
                                              00:00:00.01
                                                                00:00:00.01
Cross-reference output
                                              00:00:00.00
                                                                00:00:00.00
Assembler run totals
                                     320
                                              00:00:01.83
                                                                00:00:13.08
The working set limit was 1050 pages.
6102 bytes (12 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 102 non-local and 1 local symbols.
90 source lines were read in Pass 1, producing 13 object records in Pass 2.
9 pages of virtual memory were used to define 8 macros.
                                                     Macro library statistics !
Macro library name
                                                    Macros defined
_$255$DUA28:[SYSLOA.OBJ]CLUSTER.MLB:1
_$255$DUA28:[SYS.OBJ]LIB.MLB;1
_$255$DUA28:[SYSLIB]STARLET.MLB;2
TOTALS (all libraries)
161 GETS were required to define 5 macros.
```

There were no errors, warnings or information messages.

MACRO/LIS=LISS:CSPC4LLACT/OBJ=OBJS:CSPCALLACT MSRCS:CSPCALLACT/UPDATE=(ENHS:CSPCALLACT)+EXECMLS/LIB+LIBS:CLUSTER/LIB

0393 AH-BT13A-SE

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